

Title (en)

METHOD AND APPARATUS TO CONTROL LOCAL INTERNET PROTOCOL ACCESS FOR DEVICES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG VON LOKALEM IP-ZUGANG FÜR VORRICHTUNGEN

Title (fr)

PROCÉDÉ ET APPAREIL POUR LE CONTRÔLE D'UN ACCÈS VIA UN PROTOCOLE INTERNET LOCAL POUR DES DISPOSITIFS

Publication

EP 2543203 B1 20180418 (EN)

Application

EP 11709552 A 20110304

Priority

- US 201113036574 A 20110228
- US 201161430676 P 20110107
- US 31121510 P 20100305
- US 2011027293 W 20110304

Abstract (en)

[origin: WO2011109776A1] Methods and apparatuses are provided that facilitate controlling device local internet protocol (IP) access (LIPA) with one or more restricted groups of access points (104) in a visited network. An indicator can be provided by a home network that specifies whether a device registering with a visited network is allowed utilize LIPA in the visited networks (118). If so, one or more components of the visited network (504) can provide LIPA services to the device, which can include establishing IP flows for device access.

IPC 8 full level

H04W 8/04 (2009.01)

CPC (source: EP KR US)

H04W 8/02 (2013.01 - KR); **H04W 8/04** (2013.01 - EP US)

Citation (examination)

- "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Service requirements for Home NodeBs and Home eNodeBs (Release 10)", 3GPP STANDARD; 3GPP TS 22.220, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. V10.1.0, 18 December 2009 (2009-12-18), pages 1 - 23, XP050401071
- 3GPP: "3GPP TS 23.401 V10.1.0, 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (Release 10)", 3GPP TS 23.401 V10.1.0, vol. V10.1.0, 1 September 2010 (2010-09-01), pages 1 - 271, XP007920142
- ALCATEL-LUCENT ET AL: "Restructuration of TR 23.829", 3GPP DRAFT; S2-101719 WAS 1449_23829 RESTRUCTURING_R0, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. SA WG2, no. San Francisco, USA; 20100222, 25 February 2010 (2010-02-25), XP050434102

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011109776 A1 20110909; CN 102893639 A 20130123; EP 2543203 A1 20130109; EP 2543203 B1 20180418; JP 2013521746 A 20130610; JP 5678104 B2 20150225; KR 101475431 B1 20141222; KR 20130001728 A 20130104; US 2012057574 A1 20120308

DOCDB simple family (application)

US 2011027293 W 20110304; CN 201180022350 A 20110304; EP 11709552 A 20110304; JP 2012557137 A 20110304; KR 20127026116 A 20110304; US 201113036574 A 20110228